Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	(156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
L2	44	1 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:59
L3	108	(ji near soo near kim).in. or (tae near hyuk near ahn).in. or (won near seok near lee).in.	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
L4	43	3 and gas	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
S1	1	"20040185664"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:47
S2	11	(("4073289") or ("5769790") or ("6103455") or ("5562801") or ("6063548") or ("5780338") or ("5914279") or ("6136695") or ("6107140") or ("4654112") or ("5705419")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 09:25
S3	2	"02262334"	EPO; JPO; DERWENT	OR	ON	2005/11/02 09:26
S4	1	"6719808".pn.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:39
S5	13	("4073289" | "4654112" | "5458734" | "5562801" | "5705419" | "5769790" | "5780338" | "5914279" | "6063548" | "6103455" | "6107140" | "6136695" | "6162367").PN. OR ("6719808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 09:40
S6	12	(US-6162367-$ or US-6136695-$ or US-6107140-$ or US-6103455-$ or US-6063548-$ or US-5914279-$ or US-5780338-$ or US-5769790-$ or US-5705419-$ or US-5562801-$ or US-5458734-$ or US-4654112-$).did.	USPAT	OR	ON	2005/11/02 09:45
S7	2	S6 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S8	336	156/345.33.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 12:46
S9	95	S8 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
S10	905738	(h01l021/$.ipc. or c23c016/$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:35
S11	810	S10 and (rotat$6 or spin$4) and gas and etch$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S12	5	S10 and (rotat$6 or spin$4) and gas and etch$3 and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S13	31	S10 and (rotat$6 or spin$4) and gas and etch$3 and fluorine	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:39

S14	1503	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and etch$3	US-PGPUB; USPAT	OR	ON	2005/11/02 13:03
S15	176	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S16	64	S15 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S17	602	156/345.$2.ccls. and (rotat$6 or spin$4) and (gas same (horizontal or parallel))	US-PGPUB; USPAT	OR	ON	2005/11/02 13:04
S18	295	S17 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S19	23	S18 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S20	46	S10 and (rotat$6 or spin$4) and gas and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:19
S21	8782	(substrate or wafer) same (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S22	4766	(substrate or wafer) near7 (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 14:06
S23	22312	(118/715-733).ccls. or 156/345.$2. ccls. or 204/192.$2.ccls. or 204/298. $2.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S24	419	S22 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S25	178	S24 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S26	70	("5078851" | "5156820" | "5294778" | "5582866" | "5855675" | "5935338"). PN. OR ("6174377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:06
S27	1	"5855680".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S28	1	"5879459".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S29	32	S18 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S30	9	S29 not S19	US-PGPUB; USPAT	OR	ON	2005/11/02 15:09
S31	2	S6 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S32	5	S10 and (rotat$6 or spin$4) and gas and etch$3 and puls$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S33	228	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S34	83	S33 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16

S35	19	S34 not S16	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S36	59	S10 and (rotat$6 or spin$4) and gas and puls$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
S37	13	S36 not S20	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
S38	10550	(substrate or wafer) same (rotat$6 or spin$4) and gas and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S39	799	S38 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S40	349	S39 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S41	7	(("6162367") or ("5458734") or ("4314875") or ("4498953") or ("5786242") or ("5851861") or ("5719068")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 15:48
S42	217	(ald or (atomic adj layer adj deposition)) and puls$3 and ((substrate or wafer or stage or susceptor) near7 (rotat$4 or spin$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
S43	130	(ald or (atomic adj layer adj deposition)) and puls$3 and ((substrate or wafer or stage or susceptor) near (rotat$4 or spin$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
S44	1	S43 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 17:46
S45	86	156/345.55.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S46	38	S45 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S47	664	118/730.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S48	511	S47 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:41
S49	44	S48 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/04 14:02
S50	905738	(h01l021/$.ipc. or c23c016/$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S51	109	S50 and ((rotat$6 or spin$4) near (substrate or wafer or susceptor)) and gas and etch$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 15:58
S55	12	"6162367"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26
S56	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26

S57	14	("4310380" | "4498953" | "4695700" | "4749440").PN. OR ("6162367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:38
S58	2998	(etch$4 same puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:43
S59	723	(etch$4 near7 puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:39
S60	304	(etch$4 near7 puls$3) and gas and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S61	132	S60 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:45
S62	6218	etch$4 and (puls$3 same gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S63	3058	S62 and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S64	1455	etch$4 and (puls$3 near3 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S65	641	S64 and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:45
S66	199	S65 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:59
S67	723	(etch$4 near7 puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S68	26903	((rotat$6 or spin$4) near (substrate or wafer or susceptor))	US-PGPUB; USPAT	OR	ON	2005/11/04 15:58
S69	24	S64 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39
S70	2536	etch$4 and (puls$3 near7 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S71	33	S70 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S72	9	S71 not S69	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S73	3	"02001121"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S74	3	"06084864"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:12
S75	2	"01150074"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16

S76	2	"01224572"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S77	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S78	50	(puff near valve)	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S79	25	S78 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	(156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
L2	44	1 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:59
L3	108	(ji near soo near kim).in. or (tae near hyuk near ahn).in. or (won near seok near lee).in.	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
L4	43	3 and gas	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
S1	1	"20040185664"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:47
S2	11	(("4073289") or ("5769790") or ("6103455") or ("5562801") or ("6063548") or ("5780338") or ("5914279") or ("6136695") or ("6107140") or ("4654112") or ("5705419")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 09:25
S3	2	"02262334"	EPO; JPO; DERWENT	OR	ON	2005/11/02 09:26
S4	1	"6719808".pn.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:39
S5	13	("4073289" | "4654112" | "5458734" | "5562801" | "5705419" | "5769790" | "5780338" | "5914279" | "6063548" | "6103455" | "6107140" | "6136695" | "6162367").PN. OR ("6719808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 09:40
S6	12	(US-6162367-$ or US-6136695-$ or US-6107140-$ or US-6103455-$ or US-6063548-$ or US-5914279-$ or US-5780338-$ or US-5769790-$ or US-5705419-$ or US-5562801-$ or US-5458734-$ or US-4654112-$).did.	USPAT	OR	ON	2005/11/02 09:45
S7	2	S6 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S8	336	156/345.33.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 12:46
S9	95	S8 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
S10	905738	(h01l021/$.ipc. or c23c016/$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:35
S11	810	S10 and (rotat$6 or spin$4) and gas and etch$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S12	5	S10 and (rotat$6 or spin$4) and gas and etch$3 and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S13	31	S10 and (rotat$6 or spin$4) and gas and etch$3 and fluorine	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:39

S14	1503	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and etch$3	US-PGPUB; USPAT	OR	ON	2005/11/02 13:03
S15	176	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S16	64	S15 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S17	602	156/345.$2.ccls. and (rotat$6 or spin$4) and (gas same (horizontal or parallel))	US-PGPUB; USPAT	OR	ON	2005/11/02 13:04
S18	295	S17 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S19	23	S18 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S20	46	S10 and (rotat$6 or spin$4) and gas and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:19
S21	8782	(substrate or wafer) same (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S22	4766	(substrate or wafer) near7 (rotat$6 or spin$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 14:06
S23	22312	(118/715-733).ccls. or 156/345.$2.ccls. or 204/192.$2.ccls. or 204/298.$2.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S24	419	S22 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S25	178	S24 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S26	70	("5078851" | "5156820" | "5294778" | "5582866" | "5855675" | "5935338").PN. OR ("6174377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:06
S27	1	"5855680".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S28	1	"5879459".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S29	32	S18 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S30	9	S29 not S19	US-PGPUB; USPAT	OR	ON	2005/11/02 15:09
S31	2	S6 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S32	5	S10 and (rotat$6 or spin$4) and gas and etch$3 and puls$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S33	228	156/345.$2.ccls. and (rotat$6 or spin$4) and gas and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S34	83	S33 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16

S35	19	S34 not S16	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S36	59	S10 and (rotat$6 or spin$4) and gas and puls$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
S37	13	S36 not S20	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
S38	10550	(substrate or wafer) same (rotat$6 or spin$4) and gas and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S39	799	S38 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S40	349	S39 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S41	7	(("6162367") or ("5458734") or ("4314875") or ("4498953") or ("5786242") or ("5851861") or ("5719068")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 15:48
S42	217	(ald or (atomic adj layer adj deposition)) and puls$3 and ((substrate or wafer or stage or susceptor) near7 (rotat$4 or spin$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
S43	130	(ald or (atomic adj layer adj deposition)) and puls$3 and ((substrate or wafer or stage or susceptor) near (rotat$4 or spin$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
S44	1	S43 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 17:46
S45	86	156/345.55.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S46	38	S45 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S47	664	118/730.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
S48	511	S47 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:41
S49	44	S48 and puls$3	US-PGPUB; USPAT	OR	ON	2005/11/04 14:02
S50	905738	(h01l021/$.ipc. or c23c016/$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S51	109	S50 and ((rotat$6 or spin$4) near (substrate or wafer or susceptor)) and gas and etch$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 15:58
S55	12	"6162367"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26
S56	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26

S57	14	("4310380" | "4498953" | "4695700" | "4749440").PN. OR ("6162367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:38
S58	2998	(etch$4 same puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:43
S59	723	(etch$4 near7 puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:39
S60	304	(etch$4 near7 puls$3) and gas and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S61	132	S60 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:45
S62	6218	etch$4 and (puls$3 same gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S63	3058	S62 and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S64	1455	etch$4 and (puls$3 near3 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S65	641	S64 and (rotat$4 or spin$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:45
S66	199	S65 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:59
S67	723	(etch$4 near7 puls$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S68	26903	((rotat$6 or spin$4) near (substrate or wafer or susceptor))	US-PGPUB; USPAT	OR	ON	2005/11/04 15:58
S69	24	S64 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39
S70	2536	etch$4 and (puls$3 near7 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S71	33	S70 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S72	9	S71 not S69	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S73	3	"02001121"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S74	3	"06084864"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:12
S75	2	"01150074"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16

S76	2	"01224572"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S77	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S78	50	(puff near valve)	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S79	25	S78 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39